State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-44
Relating to Approval of New Motor Vehicles

AVANTI MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by Section 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That Avanti Motor Corporation exhaust emission control systems for 1973-model light-duty motor vehicles are approved for the engine families described below:

| Engine Family | Engine Size (cubic inches) | Exhaust Emission Control Systems | Vehicle Models |
|---|---|---|---|
| General Motors GM-104 | 400 | Air Injection & Exhaust Gas Recirculation | Avanti II |

Exemption to Avanti Motor Corporation from the 100% assembly-line inspection test and emission label requirement is granted on the basis of your statement of not intending to sell more than 1,000 vehicles in the State of California of the 1973-model year Avanti vehicles. This exemption does not waive the requirement of performing Quality Audit testing on 2 percent of Avanti 1973-model year production.

Under the terms of Section 39153.5 of the California Health and Safety Code (California Assembly Bill No. AB 2364) the manufacturer must not sell more than 1,000 motor vehicles in California of the model year exempted.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, you are required to inform the ARB of any production changes which will affect emissions.

A supplemental information sheet is attached to this order which includes tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 19 day of January, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCE BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

**MANUFACTURER:** AVANTI MOTOR CORPORATION

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| Model | Engine C.I.D. | Carburetor No.of Venturi | Trans-mission | Distributor Make & No. | Type Adv.* | Carburetor Make & No. | Emission Control System | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Exhaust | NOx | Evap. | Other |
| Avanti II | 400 | 2V | A | Delco-Remy 1112166 | C & V | Rochester 7043118 | AI | EGR | Can. | PLC |

PLC - Plastic limiter cups on idle mixture screws.

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

**MANUFACTURER:** AVANTI MOTOR CORPORATION

| Vehicle Model | Engine C.I.D. | Carburetor No. of Venturi | Trans-mission | Engine Family | Inertia Weight | Tune-up Specifications | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Idle RPM | Basic Timing | Idle CO or AFR |
| Avanti II | 400 | 2V | A | General Motors GM-104 | 4,000 | Solenoid on 600 in drive lean drop idle:630-600 | 8° BTDC @ 600 RPM | Same as General Motors Pre-set at factory. After repair set using lean drop idle mixture |
| | | | M | | | 800 in drive lean drop idle 825-800 | | |

See other side for additional information.